

POLYESTER COMPOSITIONS OF LOW RESIDUAL ALDEHYDE CONTENT

Abstract of the Disclosure

A mixture of a polyester, such as poly(ethylene terephthalate) PET, and an additive combination, when extrusion compounded exhibits a lower residual acetaldehyde content than does PET alone when similarly treated. The additive combination comprises compounds selected from at least two groups wherein the groups are (i.) poly(vinyl alcohol) or ethylene/vinyl alcohol copolymer, (ii.) polyhydric alcohols and (iii.) polyacrylamide, polymethacrylamide or copolymer of acrylamide or methacrylamide. The invention pertains to any polyester used in the manufacture of bottles or containers which in turn are used to store consumer materials, especially food, beverages and most especially water.